

Title (en)
FLAT TUBE FOR HEAT EXCHANGER

Title (de)
FLACHROHR FÜR WÄRMETAUSCHER

Title (fr)
TUBE PLAT DESTINE A UN ECHANGEUR THERMIQUE

Publication
EP 1653186 A1 20060503 (EN)

Application
EP 04747262 A 20040702

Priority
• JP 2004009794 W 20040702
• JP 2003280425 A 20030725

Abstract (en)
A flat tube having a nearly B-like shape or the like in cross section, which has one or more partitions therein, and is coated with a brazing metal on the outer surface thereof, is provided. In the top portion 5 of the turned-up portion 4 constituting the partition, there are formed many slits 6, in order to provide the conditions that satisfy both of the brazing performance and an increase of working accuracy of the flat tube, which slits 6 allow the brazing metal to enter up to the top portion 5 of the turned-up portion 4, wherein the length "c" of the slit 6 is 2 mm to 15 mm; the distance "e" between the edges of the neighboring slits 6 is 3 mm to 10 mm; and "e/c" is 0.6 or more.

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IPC 8 full level
F28F 1/02 (2006.01); **F28D 1/03** (2006.01)

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Citation (search report)
See references of WO 2005010453A1

Cited by
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